

1180890,811

FIGURE 1

SEQ ID NO:06	**** *	*	**	****	**	**	****	** *
SEQ ID NO:08	MASSTGGLDH-----	GFTF	TPPPFIT	STELL	SGGGDL	L	GAGGEERS	PRGFSRGG
SEQ ID NO:10	MASSTGGLDH-----	GFTF	TPPPFIT	STELL	SGGGDL	L	GAGGEERS	PRGFSRGG
SEQ ID NO:13	MASSGSLDTSASANSFTNFTSTHPMTT	TSFDLL	ASP----	LDNNKPP	QGG	L-----	S	
	MAASSGTIDAPTASSFS--	FSTASS	FMSSFT	DL	L	ASD----	AYSGGS	VSRGLG-DRIA
	1							60
SEQ ID NO:06	* * *	*****	*	*****	*	*****	*****	..** ** *
SEQ ID NO:08	ARVGGVPKFKSAQPPSLPLSPPPV	SPSSYFA	IP	PG	L	S	TE	LLD
SEQ ID NO:10	ARVGGVPKFKSAQPPSLPLSPPPV	SPSSYFA	IP	PG	L	S	TE	LLD
SEQ ID NO:13	ERTGSGVPKFKSTPPPSLPLSPPP	ISPSSYFA	IP	PG	L	S	PA	ELL
	ERTGSGVPKFKSLPPPSLPLSSPA	VSPSSYFA	FP	PG	L	S	PE	LLD
	61							120
SEQ ID NO:06	* **	**						*
SEQ ID NO:08	GAIPAQRYPDWKASA----	DL	IASQ	QDD	S	R	G	D
SEQ ID NO:10	GAIPAQRYPDWKASA----	DL	IASQ	QDD	S	R	G	D
SEQ ID NO:13	GAFVAQSFENWKSSGGNQ	QIVKEE	DKS	FN	S	F	Q	T
	GTFFPAQTFNWKND	SNASQ	EDV	KQ	E	K	G	Y
	121							180
SEQ ID NO:06	* * *	*	**	*	*	*	*	*
SEQ ID NO:08	-FKEQEQQVVESSKNG-----	AAA	SSN	K	SGG-----			
SEQ ID NO:10	-FKEQEQQVVESSKNG-----	AAA	SSN	K	SGG-----			
SEQ ID NO:13	SFQEATKQDNFSSGKGMKTENSS	MQSF	SP	E	I	A	S	VQ-TN
	-YEDSKRKDELNS-----	LQ	SL	P	V	T	T	S
	181							240

## FIGURE 1 CONTINUED

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---GGNNKLEDGYNWRKYGQKQVKGSENPRSYKCTYNGCSMKKKVERSLADGRITQIVY
---GGNNKLEDGYNWRKYGQKQVKGSENPRSYKCTYNGCSMKKKVERSLADGRITQIVY
QTLS--RRSDDGYNWRKYGQKQVKGSENPRSYKCTYPNCPTKKKVERSL-DGQITEIVY
QTLREQRRSDDGYNWRKYGQKQVKGSENPRSYKCTHPNCPTKKKVERAL-DGQITEIVY
300
241

** ***** * . ** *
KGAHNHPKPLSTAATPLPAPPPPA-----PTTSRRPARARTSTPPRRPRTP
KGAHNHPKPLSTRNASSCATAAAC-----ADDLAAPGAGADQYSAATPENS
KGTHNHPKPKQNTRRNSSNS-----SSLAIPHSNSIRTEIPDQSYATHSGSQMDSAATPENS
KGAHNHPKPKQSTRRSSSTASSASTLAAQSYNAPASDVPDQSYWSNGNGQMDSVATPENS
301
360

**** ** * * * ***** * *****
PSRSATTRPTTHRTAARA-----TSPKPSAGKEDADNEGSSGGMGAGGAGGNPVREPR
SVTFGDDEADNASHRSEG-----DEPEAKRWKEDADNEGSSGGMGAGGAGKPVREPR
SISIGDDDFEQSSQCKSGGDEYDEDEPDAKRWKIEGENEGMSA-----PGSRTVREPRV
SISVGDDFEQSSQKRESGGDEFEDEPDAKRWKVENEGVSA-----QGSRTVREPRV
361
420

**** ***** * ***** ***** * ***** * *****
VVQTLSDIDILDNGFRWRKYGQKVVKGNPNPRSYKCTTVGCPVRKXKVERASHDTRAVIT
VVQTLSDIDILDGFRWRKYGQKVVKGNPNPRSYKCTTVGCPVRKXKVERASHDTRAVIT
VVQTTSDIDILDGFRWRKYGQKVVKGNPNPRSYKCTHPGCPVRKXKVERASHDLRAVIT
VVQTTSDIDILDGFRWRKYGQKVVKGNPNPRSYKCTSQGCPVRKXKVERASHDIRSVIT
421
480

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FIGURE 1 CONTINUED

SEQ ID NO:06	TYEGKHNHDPV-RPRRRRRTRPGAGVAYGWR-----SGPTDV	481
SEQ ID NO:08	TYEGKHNHDPV--GRGGGGRAPAPAPTSGA-----IRPSAV	
SEQ ID NO:10	TYEGKHNHDPVPAARGSGSHSVNRPMPNPNASNHTNTAATSVRLLPVIHQSDNSLQNRQA	
SEQ ID NO:13	TYEGKHNHDPVPAARGSGSHGLNRG-ANPNNAAMAMAIRPSTMSLQSNYPPIPISTRPMQ	540

SEQ ID NO:06	AAAQQGPYTLEMLPNPAGL-YGGYGAGA-----GGAAFP-RTKDERRDDLFVESLLC	541
SEQ ID NO:08	AAAQQGPYTLEMLPNPAGL-YGGYGAGA-----GGAAFP-RTKDERRDDLFVESLLC	
SEQ ID NO:10	PPEGQSPFTLEMLQSPGSGFGNPMQSYVNQQQLSDNVFSSRTKEEPRDDMFLESLLC	
SEQ ID NO:13	QGEQAPY--EMLQSGGFGYSGFGNPMNAYANQIQ--DNAFS-RAKEEPRDDLFIDTLLA	600